



FEMA

Disclaimer: The purpose of this briefing is to provide a ***Regional*** weather threat assessment and is meant as a general overview. County/Parish decision makers should consult their local NWS forecast offices for the latest detailed, local weather information. To find your local NWS forecast office, go to <http://www.srh.noaa.gov> and click on the "Weather Forecast Offices" tab and click on the map for your area.

FEMA Region 6 Weather Threat Briefing

Saturday, May 2, 2015

Issued: 0800 CT

Day 1 Hazards: No Significant Weather Impacts.

National Weather Service
Southern Region Headquarters
Regional Operations Center
Fort Worth, TX



Prepared by: Jennifer McNatt
817-978-1100 x 147

Key Points



Today

- No significant weather impacts expected throughout the Region

Monday

- Thunderstorm activity increases on Monday across New Mexico and portions of the TX/OK Panhandles, as well as W & NW Texas
 - Severe Weather is possible over the Pecos Valley of SE NM and W TX, and a few strong storms possible across E NM, the TX/OK Panhandles and portions of W TX
 - Heavy rainfall is also expected over SE NM and NW TX into the Permian Basin especially Monday night; could see flash flooding in these areas during the overnight period

Tuesday

- Continued severe weather threat over SE NM as well as the Permian Basin and South Plains of TX; storms ongoing Tuesday morning and then additional activity expected in the afternoon/evening
- Bulk of the heavier rainfall (generally 1-2") will be shifting over the TX/OK Panhandles and into Central OK and N-Central TX; flash flooding not anticipated at this time

Wednesday - Thursday

- Scattered showers and storms are likely to continue on Wednesday, but right now the severe weather and/or flooding threat looks to be relatively low
- May see an increase in activity on Thursday, especially across the TX/OK Panhandles, OK and NW & W TX; too early to pinpoint more favorable locations for severe weather

*FEMA Region 6 Threat Matrix

May 3, 2015 - May 7, 2015

DAY/ THREAT	SUN	MON	TUE	WED	THU
Severe Storms		SE NM, W TX	SE NM, South Plains and Permian Basin of TX		TX/OK Panhandles, OK, NW & W TX
Heavy Rain /Flooding		E & SE NM, NW TX	TX/OK Panhandles, Central OK		
Fire					
Winter					

	Very Common – Happens Often
	Common – Happens Frequently
	Uncommon – A Few Times a Year
	Rare – Once Every 1-5 Years
	Very Rare – Once Every 5-10 Years

We are experimenting with a new color scale to the left as of April 13th. Please provide feedback to sr-srh.roc@noaa.gov. See next slide for more details.



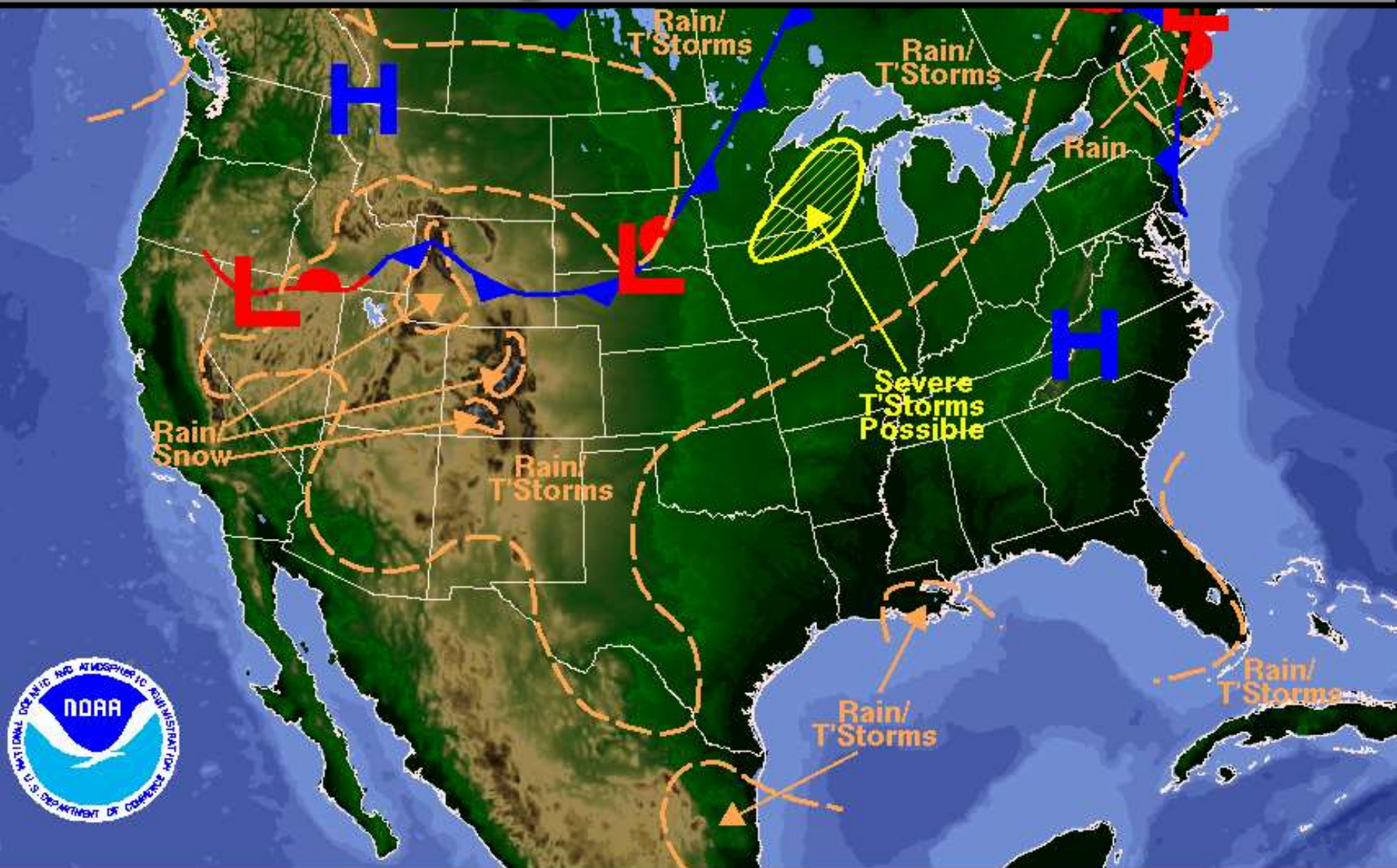
We are experimenting with a new color scale in these briefings, starting on April 13th. The criteria is below, please provide your feedback to sr-srh.roc@noaa.gov and we plan to re-evaluate in the coming months.



Weather "Threat" Matrix

Color	Definition	Criteria	Example(s)
Green	Very Common – Happens Often Safety: Rarely a Direct Threat to Life and Property Impact Potential: Typically Results in Little Inconvenience to Daily Routines	Severe: Marginal Risk from SPC Flooding: Minor flooding expected over localized areas Tropical: None	<ul style="list-style-type: none"> Thunderstorms expected over LA this afternoon; a few may produce winds to knock down a few trees Something that happens almost every day in a particular season such as <u>seabreeze</u> storms in coastal TX
Yellow	Common – Happens Frequently Safety: Rarely a Direct Threat to Life and Property Impact Potential: Typically Results in Minor Inconvenience to Daily Life	Severe: Slight Risk from SPC Flooding: Nuisance flooded expected for a widespread area, or Minor flooding expected over isolated areas Tropical: A weak tropical wave expected to move towards or near any coastline	<ul style="list-style-type: none"> 2-3 inches of rainfall expected over central AR today and tonight; some minor (brief) street flooding possible Scattered severe storms possible, one or two tornadoes expected, along with reports of strong winds/wind damage and ~1" hail
Orange	Uncommon – A Few Times a Year Safety: Often Threatening to Life and Property, Some Damage Unavoidable Impact Potential: Typically Results in Large Disruption to Daily Life	Severe: Enhanced Risk from SPC Flooding: Minor flooding expected over a widespread area (including urban locations), or Moderate flooding expected over isolated areas Tropical: A Tropical Storm expected to move towards or near any coastline	<ul style="list-style-type: none"> A snow/sleet mix is expected to move through or near the DFW area tomorrow morning; travel impacts likely Numerous severe storms possible, a few tornadoes possible along with several reports of wind damage along with damaging hail
Red	Rare – Once every 1-5 Years Safety: Extensive Property Damage Likely, Life Saving Actions Also will be Needed Impact Potential: Will likely result in Major Disruption to Daily Life	Severe: Moderate Risk from SPC Flooding: Moderate flooding expected over a widespread area (including urban locations) Tropical: A Hurricane expected to move towards or near any coastline	<ul style="list-style-type: none"> A Category 1 hurricane will be moving towards the NW Gulf in the next few days Widespread severe storms likely, strong tornadoes, widespread wind damage, and destructive hail
Purple	Very Rare – Once Every 5-10 Years Safety: Property Damage Unavoidable, Immediate Action to Save Life will be Needed Impact Potential: Typically results in Major Disruption to Daily Life	Severe: High Risk from SPC Flooding: Major flooding expected over a widespread area (including urban locations) Tropical: A Major Hurricane (Cat3 or greater) expected to move towards or near any coastline	<ul style="list-style-type: none"> A Category 4 hurricane is headed towards the SE LA; major storm surge, flooding and damaging winds anticipated to begin tomorrow Widespread severe storms expected, tornado outbreak probable with long-lived, very widespread and particularly intense storms

Today's Weather



Weather Forecast for Sun, May 03, 2015, issued 4:15 AM EDT
DOC/NOAA/NWS/NCEP/Weather Prediction Center
Prepared by Santorelli based on WPC, SPC and NHC forecasts

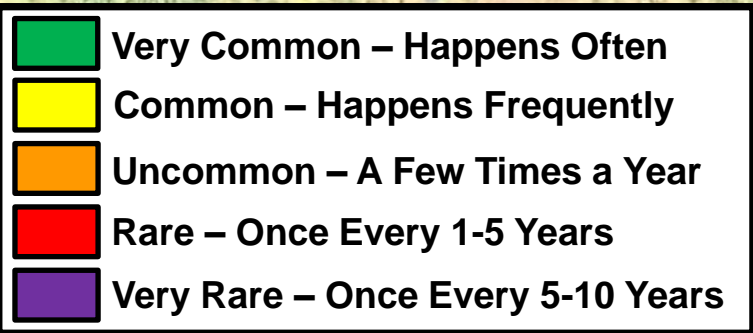
Day 1 Weather Hazards

Valid: 0800 Sun - 0800 Mon



**No Significant
Weather Impacts**

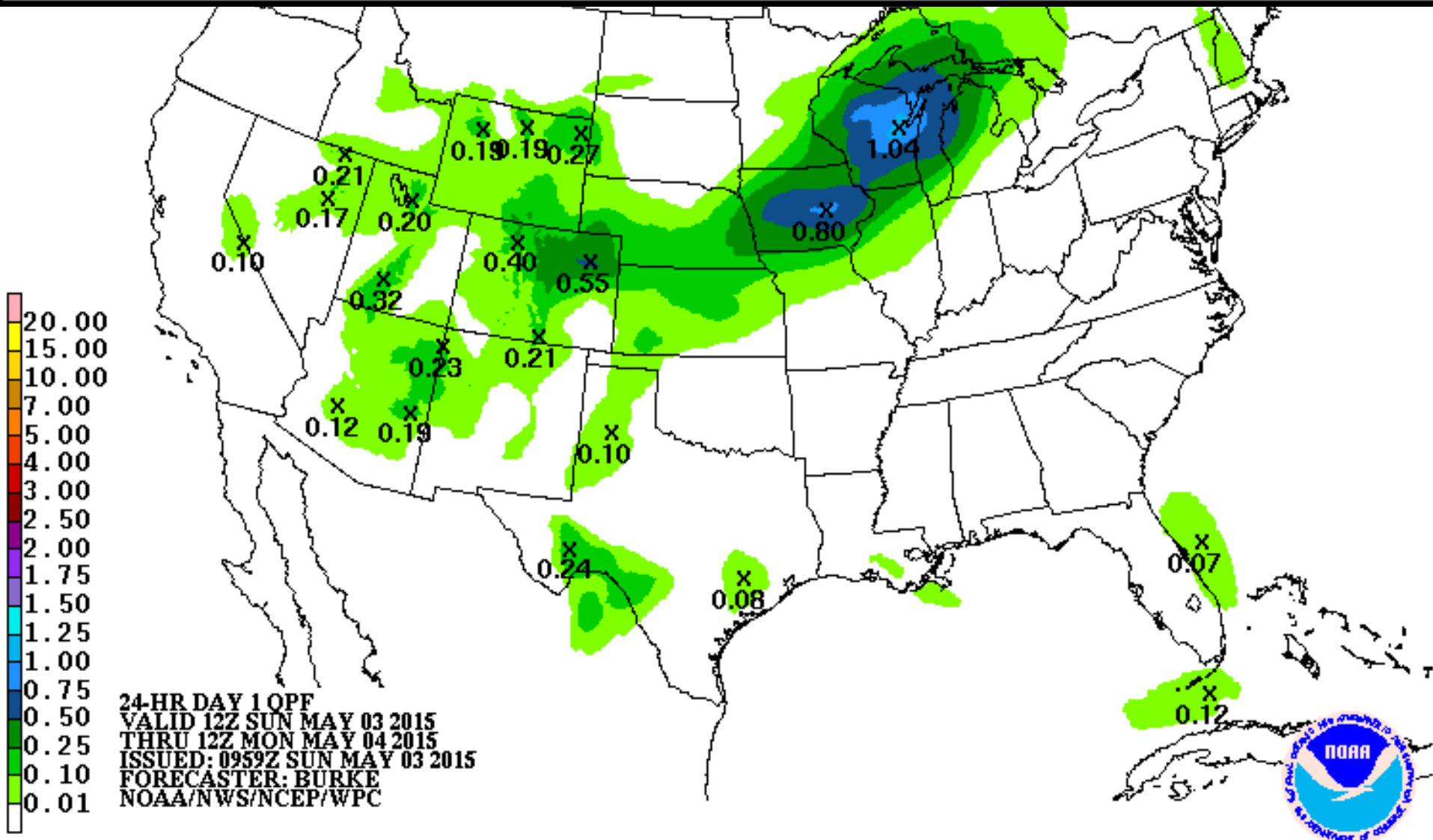
Thunderstorms
possible today



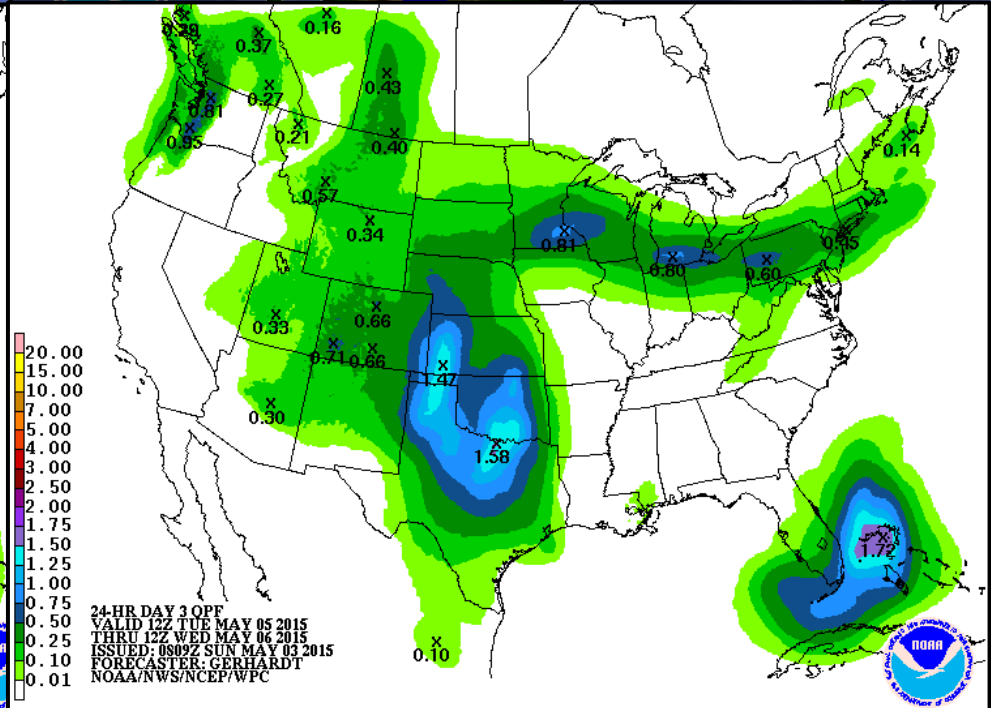
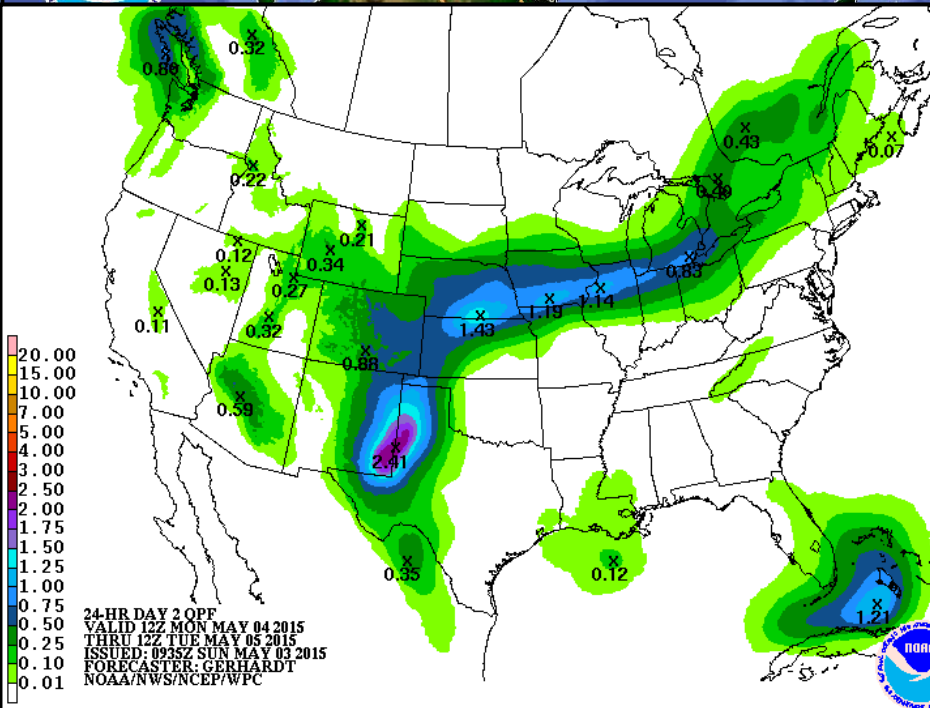
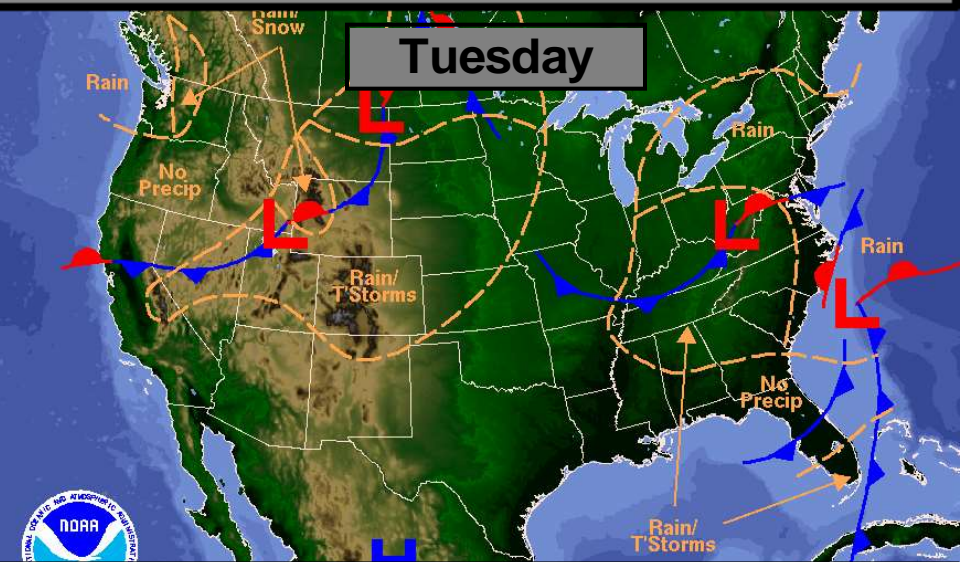
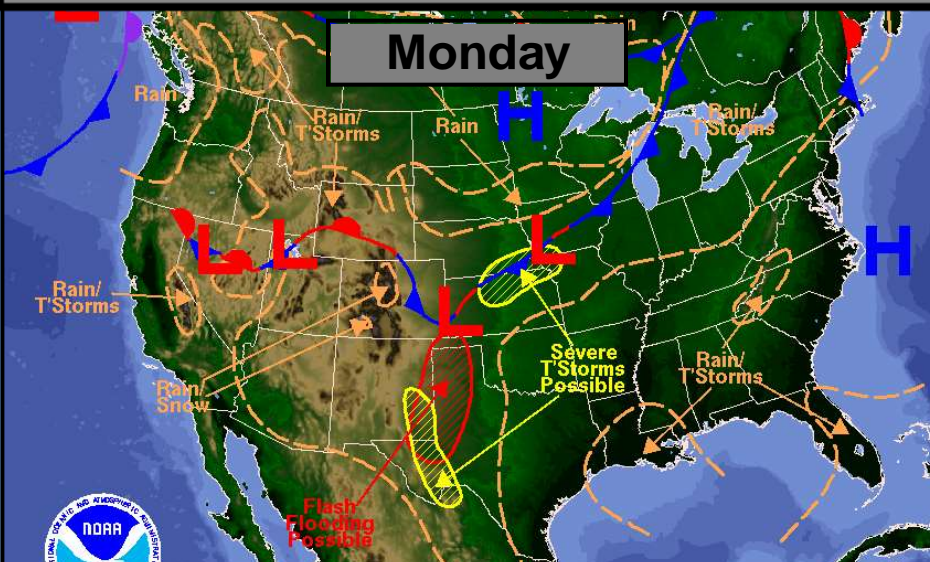
*Threat levels are based on FEMA Region 6 criteria. State or local threat level criteria may differ.

Today's Precipitation

Sun AM - Mon AM

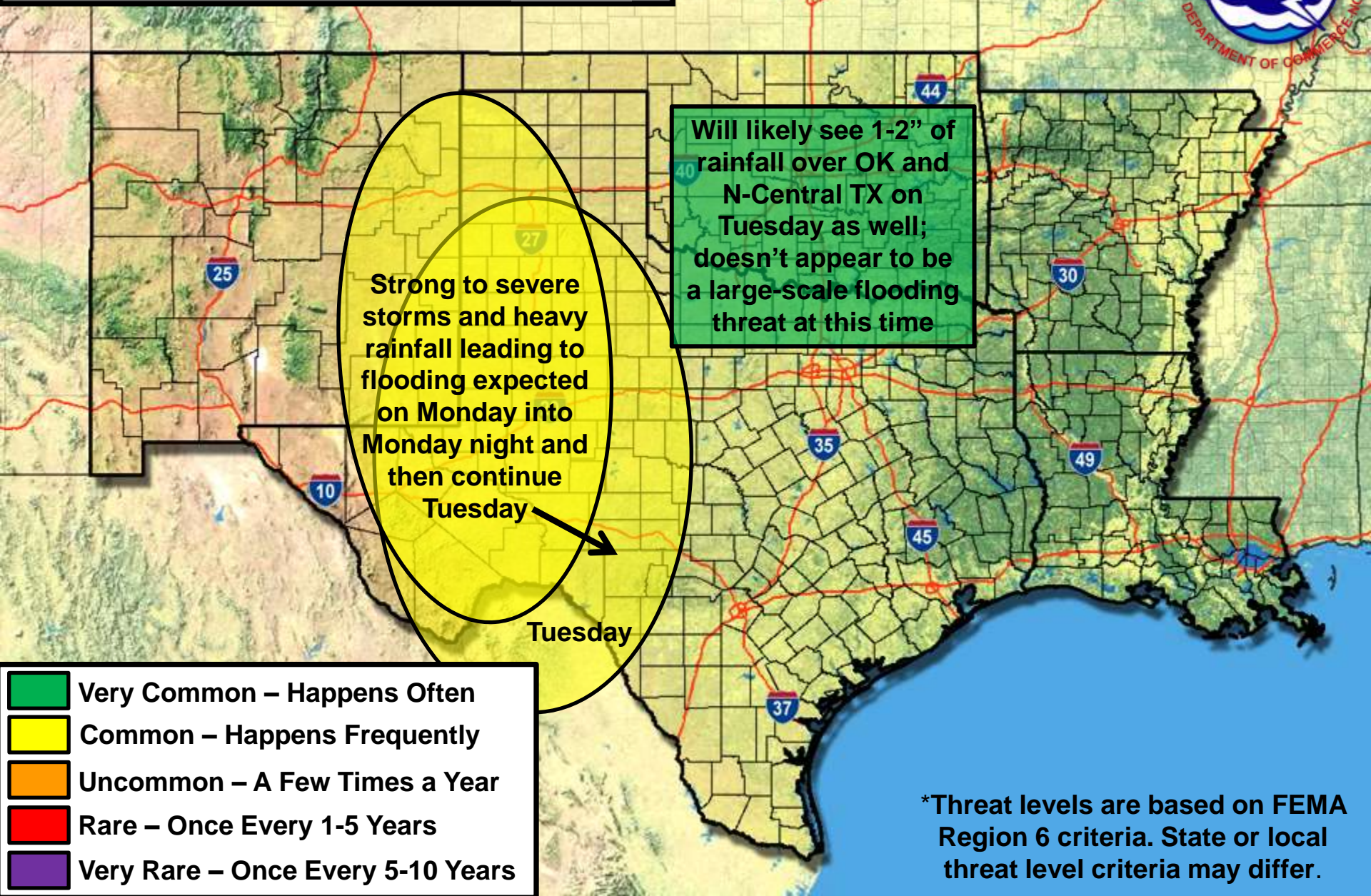


Day 2-3 Weather Maps/Precipitation



Day 2-3 Weather Hazards

Valid: 0800 Mon - 0800 Wed

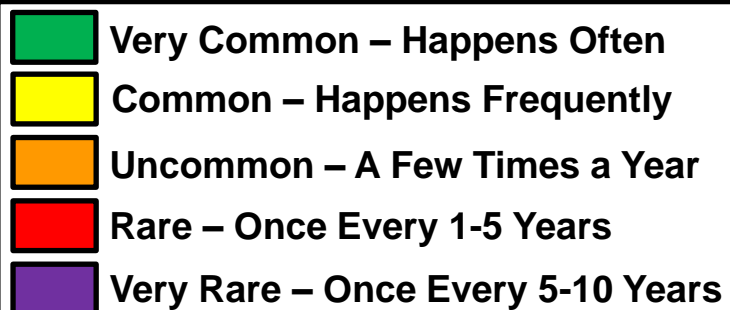


Day 4-5 Weather Hazards

Valid: 0800 Wed - 0800 Fri



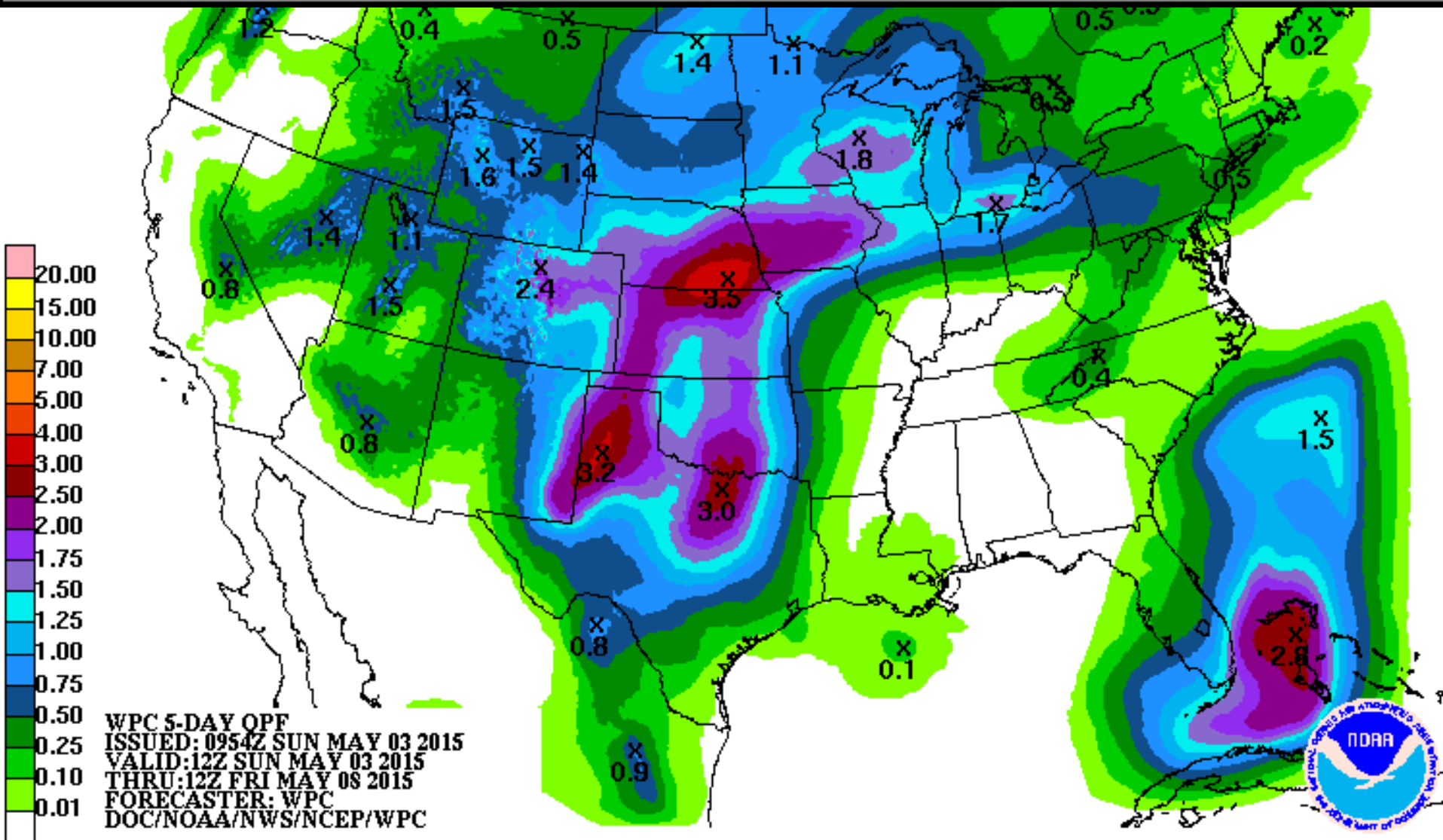
Scattered
showers and
storms expected
on Wednesday
although
severe/flooding
threat looks to
be low; may see
an increase in
activity on
Thursday

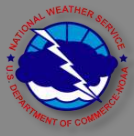


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5-Day Precipitation

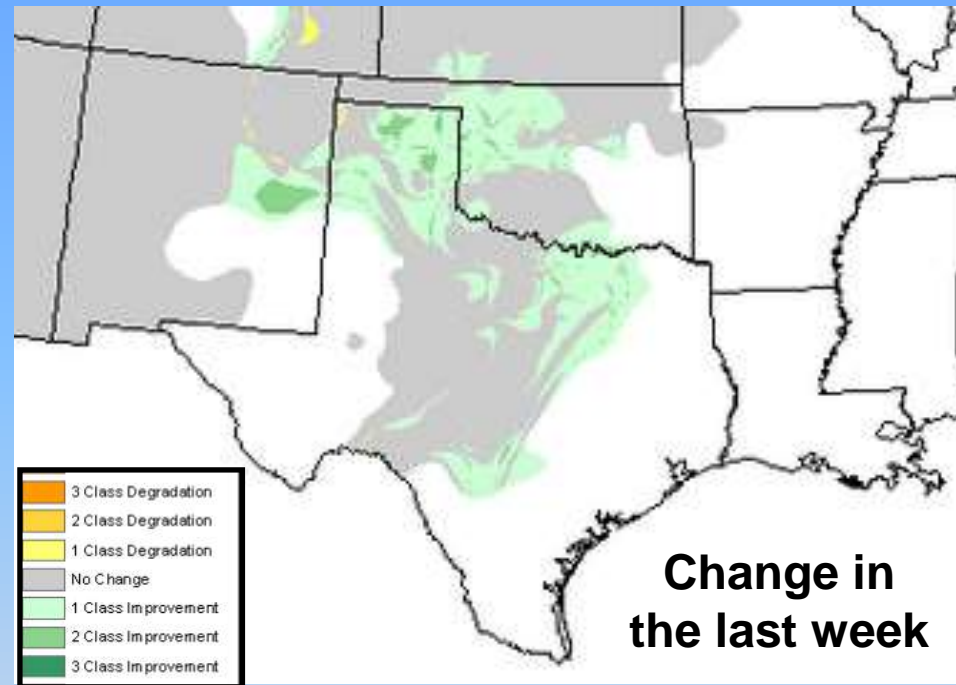
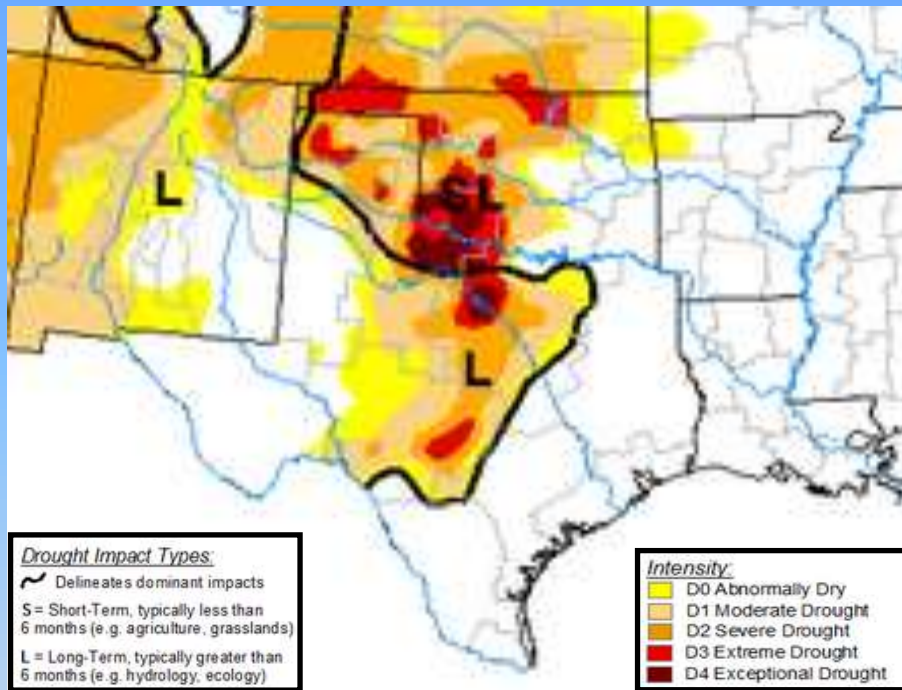
Sun AM - Fri AM





Drought Monitor Released April 30th, 2015

Data valid as of Tuesday, April 28th, 2015 at 7AM EST



Drought Conditions (Percent Area) in D3-D4 (Extreme to Exceptional Drought)

State	Current	Last Week	3 Months Ago	1 Year Ago
Oklahoma	24.34%	37.13%	22.58%	39.03%
Texas	5.57%	9.35%	11.24%	37.86%
New Mexico	0.00%	0.00%	3.70%	33.28%
Arkansas	0.00%	0.00%	0.00%	0.00%
Louisiana	0.00%	0.00%	0.00%	0.00%

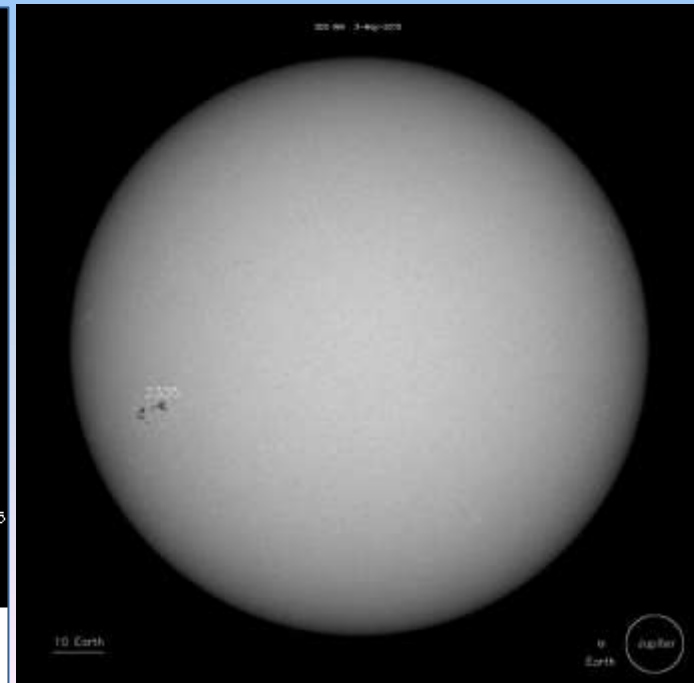
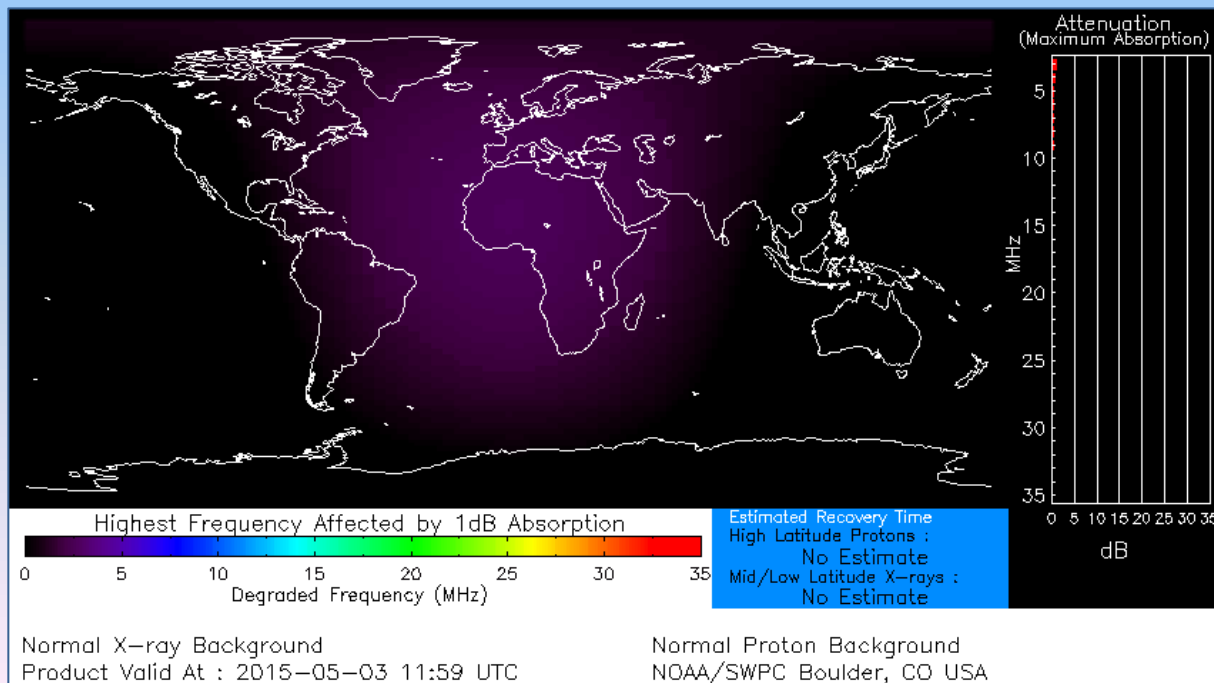
Space Weather 3-Day Forecast



[Click here for a Description of the Space Weather Storm Scales](#)

[Click here for the Latest 3-Day Space Weather Forecast Text](#)

	Sunday	Monday	Tuesday
Geomagnetic Storms	Quiet (Max Kp = 2)	Quiet (Max Kp = 2)	Quiet to Unsettled (Max Kp = 3)
Solar Radiation Storm (S1-S5)	1%	1%	1%
Radio Blackout (R1-R2)	1%	1%	1%
Radio Blackout (R3-R5)	1%	1%	1%



Information provided by:



National Weather Service
Southern Region Headquarters
Regional Operations Center
Fort Worth, TX

Phone: (817) 978-1100 x147

E-mail: sr-srh.roc@noaa.gov

Web: <http://www.srh.noaa.gov>

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